

CLAIMS

1. Functional insert (3), typically made of plastic, for the neck (4) of a receptacle, typically a glass or plastic bottle, comprising a body (30) that will be inserted in the said neck, the said body (30) supporting
5 at least one flexible rib (31) on its outside surface designed to form a sealed junction with the said neck (4) when the said functional insert is inserted into the said neck, and a functional element (6, 7), characterised in that:
- 10 a) the said functional insert (3) comprises an adhesive (5) supported on the said rib (31), typically on its upper surface, and / or on the said outer surface of the said body, the said adhesive (5) being chosen to bond to the said neck (4),
- 15 b) the said adhesive (5) is a typically permanent adhesive chosen with a consistency or viscosity such that it will only creep under a stress that compresses the said adhesive between the said rib (31) and the said body (30) when, with the said functional insert being inserted
20 into the said neck, the said rib retracts and its contents or quantity are chosen such that the said adhesive (5) comes into contact with the said neck so as to solidarise the said body to the said neck at an adhesive contact area and to prevent axial displacement
25 of the said functional insert (3) in the upwards direction under axial stress.

2. Insert according to claim 1, in which the said typically cylindrical body (30) comprises at least two ribs (31), the said adhesive (5) typically being placed between the two ribs, or on each rib.

5 3. Insert according to either claim 1 or 2, in which the said adhesive (5) forms a ring, so as to form a circular contact area.

10 4. Insert according to either claim 1 or 2, in which the said adhesive (5) forms one or several discontinuous deposits, so as to form a discontinuous or continuous contact area depending on the number of the said discontinuous deposits, typically between 1 and 4.